

### QUESTION

1. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, anorexia, and weakness. Physical examination reveals a 10-lb weight loss, tachycardia, and a 10-degree angle of Louis. Laboratory studies show a hemoglobin of 10 g/dL, a hematocrit of 30%, and a mean corpuscular volume of 80 fL. The patient's serum ferritin is 100 ng/mL, and the serum iron is 100 µg/dL. The total iron-binding capacity is 300 µg/dL. The patient's serum transferrin saturation is 33%. The patient's serum ferritin is 100 ng/mL, and the serum iron is 100 µg/dL. The total iron-binding capacity is 300 µg/dL. The patient's serum transferrin saturation is 33%.

Parameter	Value
Hemoglobin	10 g/dL
Hematocrit	30%
Mean corpuscular volume	80 fL
Serum ferritin	100 ng/mL
Serum iron	100 µg/dL
Total iron-binding capacity	300 µg/dL
Serum transferrin saturation	33%

2. A patient with a long history of alcohol abuse presents with a 2-week history of weight loss, anorexia, and weakness. Physical examination reveals a 10-lb weight loss, tachycardia, and a 10-degree angle of Louis. Laboratory studies show a hemoglobin of 10 g/dL, a hematocrit of 30%, and a mean corpuscular volume of 80 fL. The patient's serum ferritin is 100 ng/mL, and the serum iron is 100 µg/dL. The total iron-binding capacity is 300 µg/dL. The patient's serum transferrin saturation is 33%.

### ANSWERS

